



CITY OF JEFFERSON, MISSOURI

MOSQUITO CONTROL PLAN

The City of Jefferson will address nuisance and disease vector mosquitoes to protect public health, through the measures outlined in the following plan. This plan was formulated to promote mosquito control, and follows an integrated pest management approach, as recommended by the United States Center for Disease Control. Similar policies and protocols were adopted by Cole County Health Department in 2016. The emergence of a new mosquito disease (Zika virus) entering the United States precipitated development of this plan, similar to the situation precipitated in 1999 when the West Nile virus was detected.

1. City Departments will use integrated pest management as recommended by the Center for Disease Control (CDC). Integrated pest management (IPM) is a science based, commonsense approach for managing populations of disease vectors and public health pests according to the CDC. IPM uses a variety of pest management techniques that focus on pest prevention, pest reduction, and elimination of conditions that lead to pest infestation.
2. The City of Jefferson will work cooperatively between departments to address mosquito control using integrated pest management techniques. The City will educate citizens on ways to remove habitat on private properties that provide breeding habitat for mosquitoes. Education venues include the City of Jefferson website, printed handouts, public announcements, property maintenance notices, as well as onsite visits to help educate citizens who may have questions. Information will be available to citizens on how to protect themselves in the outdoors by wearing mosquito repellent, wearing long sleeves shirts and pants to

prevent bites, and to limit outdoor activity during times mosquitoes are most active.

Responsible Department: Department of Planning and Protective Services

3. The City of Jefferson will survey breeding sites and treat areas (larvicide) such as catch basins, impoundments, stagnant pools of water, ditches, or other non-aquatic areas that hold water for a period of time sufficient for the reproduction of mosquitoes. Approved larvicide will be placed appropriately in these locations.

Responsible Department: Department of Public Works

4. In the event of a disease outbreak as reported by the Communicable Disease Office to the Cole County Health Department, the City of Jefferson will apply mosquito control spray (adulticide) to target specific areas that have been reported to contain disease vector mosquitoes. Areas generating complaints of nuisance mosquitoes will not be sprayed on a routine basis; only those areas where confirmed disease vector is reported will be targeted for spraying. Departments may use discretion, such as when conditions may warrant spraying, such as outdoor activities in or near parks and recreation facilities.

Responsible Departments: Department of Public Works; Department of Parks, Recreation & Forestry

The protection of public health will be achieved by following integrated pest management and eliminating mosquito habitat, which is the most effective way of controlling the mosquito population. This approach has added benefits of reduced costs for mosquito control chemicals and reduced spraying in neighborhoods in Jefferson City.

For more information, contact the City of Jefferson Environmental Health Division at 573-634-6410 or visit www.jeffersoncitymo.gov

Individuals should contact the ADA Coordinator at (573) 634-6570 to request accommodations or alternative formats as required under the Americans with Disabilities Act.

Please allow three business days to process the request.